(19) World Intellectual Parenty Organization International Bureau





(43) International Publication Date 11 January 2001 (11.01.2001)

PCT

(10) International Publication Number WO 01/01958 A1

- (51) International Patent Classification⁷: A61K 9/00, 7/16
- (21) International Application Number: PCT/US00/18188
- (22) International Filing Date: 30 June 2000 (30.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English

(30) Priority Data:

2 July 1999 (02.07.1999)	US
2 July 1999 (02.07.1999)	US
9 June 2000 (09.06.2000)	US
9 June 2000 (09.06.2000)	US
	2 July 1999 (02.07.1999) 9 June 2000 (09.06.2000)

- (71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plazza, Cincinnati, OH 45202 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): YE, Hai [CN/CN]; 1# Binhe Rd., Guangzhou Economy and Technology District, Guangzhou 510730 (CN). BUCKLEY, Christopher, David [GB/CN]; Apt. 346, White Swan Hotel, Guangzhou 510133 (CN). YUE, Jiang [US/US]; 7585 Lakota Springs Drive, West Chester, OH 45069 (US).

- (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) Designated States (national): AE, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR (utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DELIVERY SYSTEM FOR ORAL CARE COMPOSITIONS COMPRISING ORGANOSILOXANE REINS USING A REMOVABLE BACKING STRIP

(57) Abstract: Disclosed is a delivery system for delivering an oral care substance to the oral cavity, the delivery system comprising:
(a) a removable backing strip having sufficient flexibility so as to be readily conformable to an oral surface when the delivery system is placed thereagainst; and (b) an oral care composition applied to the strip of material such that when the delivery system is placed on the oral surface the oral care composition contacts the oral surface, the oral care composition comprising: (i) an organosiloxane resin; (ii) a rheology modifier; and (iii) at least one oral care substance; wherein the oral care composition remains on the oral surface after the backing strip is removed. Further disclosed are such delivery systems in which the oral care composition further comprises fluid diorganopolysiloxane-based polymers; such compositions may further comprise carriers for solubilizing the organosiloxane resin and the fluid diorganopolysiloxane-based polymers. Still further disclosed are methods of using the delivery systems.

